

AMENDMENTS TO THE CLAIMS

The following is a listing of claims that replaces all prior versions, and listings, of claims in the application:

1-5. (Canceled)

6-10. (Withdrawn)

11-26. (Canceled)

27. (Currently Amended) A device, comprising:

- a) an implantable pacemaker element configured to initiate an anti-tachycardia pacing burst;
- b) ~~an implantable defibrillator element connected to said pacemaker element; and,~~
- c) ~~a plurality of atrial and ventricular sensing leads connected to said pacemaker element, wherein said sensing leads are configured to detect an earliest arriving electrical signal following the blanking period resulting from said pacing burst; and,~~
- c) ~~an implantable defibrillator element connected to said pacemaker element, said implantable defibrillator element comprising a timing device configured to determine if said earliest arriving electrical signal was detected by said atrial sensing lead or said ventricular sensing lead.~~

28. (Previously Presented) The device of Claim 27, wherein said pacemaker element comprises a microprocessor configured to initiate said pacing burst.

29. (Previously Presented) The device of Claim 27, wherein said pacemaker generates said anti-tachycardia pacing burst.

30. (Canceled)

31. (Previously Presented) The device of Claim 27, further comprising a plurality of atrial and ventricular defibrillation leads connected to said defibrillator element.

32. (Previously Presented) The device of Claim 27, further comprising a plurality of atrial and ventricular pacing leads connected to said pacemaker element.

33. (Previously Presented) The device of Claim 27, wherein said pacemaker element further comprises a storage memory connected to said sensing leads.

34. (Previously Presented) The device of Claim 27, further comprising at least one defibrillation lead configured to convert an abnormal heart rhythm into normal sinus rhythm.

35. (Previously Presented) The device of Claim 27, wherein said sensing leads are quadripolar.